

1FWO

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/631,011A

CRF Edit Date: 10/12/04

Edited by: AK

____ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

ENTERED

____ Corrected the SEQ ID NO. Sequence numbers edited were:

____ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

____ Deleted: ____ invalid beginning/end-of-file text ; ____ page numbers

____ Inserted mandatory headings/numeric identifiers, specifically:

____ Moved responses to same line as heading/numeric identifier, specifically:

____ Other: Sequence 1 - inserted a "1" after <400>; changed
<212> PRT to <212> PRT



IFWO

RAW SEQUENCE LISTING

DATE: 10/12/2004

PATENT APPLICATION: US/10/631,011A

TIME: 12:04:01

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\10122004\J631011A.raw

4 <110> APPLICANT: Schering AG
 6 <120> TITLE OF INVENTION: New Effector-Conjugates, Methods for Their Preparation and
 Their
 7 Pharmaceutical Use
 9 <130> FILE REFERENCE: SCH10522US
 11 <140> CURRENT APPLICATION NUMBER: US 10/631,011A
 12 <141> CURRENT FILING DATE: 2003-07-31
 14 <160> NUMBER OF SEQ ID NOS: 1
 16 <170> SOFTWARE: Word for Windows
 19 <210> SEQ ID NO: 1
 21 <211> LENGTH: 241
 22 <212> TYPE: PRT
 23 <213> ORGANISM: Homo sapiens
 25 <220> FEATURE:
 26 <223> OTHER INFORMATION: anti-(ED-B) scFV Antibody fragment; Name: AP39
 28 <400> SEQUENCE: 1
 30 Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly
 31 1 5 10 15
 32 Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser
 33 20 25 30
 34 Ser Phe Ser Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu
 35 35 40 45
 36 Glu Trp Val Ser Ser Ile Ser Gly Ser Ser Gly Thr Thr Tyr Tyr
 37 50 55 60
 38 Ala Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser
 39 65 70 75
 40 Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
 41 80 85 90
 42 Thr Ala Val Tyr Tyr Cys Ala Lys Pro Phe Pro Tyr Phe Asp Tyr
 43 95 100 105
 44 Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Gly Asp Gly Ser
 45 110 115 120
 46 Ser Gly Gly Ser Gly Gly Ala Ser Glu Ile Val Leu Thr Gln Ser
 47 125 130 135
 48 Pro Gly Thr Leu Ser Leu Ser Pro Gly Glu Arg Ala Thr Leu Ser
 49 140 145 150
 50 Cys Arg Ala Ser Gln Ser Val Ser Ser Ser Phe Leu Ala Trp Tyr
 51 155 160 165
 52 Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu Ile Tyr Tyr Ala
 53 170 175 180
 54 Ser Ser Arg Ala Thr Gly Ile Pro Asp Arg Phe Ser Gly Ser Gly
 55 185 190 195
 56 Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Arg Leu Glu Pro Glu
 57 200 205 210

RAW SEQUENCE LISTING

DATE: 10/12/2004

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TIME: 12:04:01

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\10122004\J631011A.raw

58	Asp	Phe	Ala	Val	Tyr	Tyr	Cys	Gln	Gln	Thr	Gly	Arg	Ile	Pro	Pro	
59					215					220					225	
60	Thr	Phe	Gly	Gln	Gly	Thr	Lys	Val	Glu	Ile	Lys	Gly	Gly	Gly	Cys	
61					230					235					240	
62	Ala															

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/631,011A

DATE: 10/12/2004

TIME: 12:04:02

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\10122004\J631011A.raw



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/631,011A

DATE: 10/07/2004

TIME: 10:14:05

Input Set : A:\pto.lm.txt

Output Set: N:\CRF4\10072004\J631011A.raw

4 <110> APPLICANT: Schering AG
 6 <120> TITLE OF INVENTION: New Effector-Conjugates, Methods for Their Preparation and
 Their
 7 Pharmaceutical Use
 9 <130> FILE REFERENCE: SCH10522US
 11 <140> CURRENT APPLICATION NUMBER: US 10/631,011A
 12 <141> CURRENT FILING DATE: 2003-07-31
 14 <160> NUMBER OF SEQ ID NOS: 1
 16 <170> SOFTWARE: Word for Windows

ERRORED SEQUENCES

Does Not Comply
Corrected Diskette Needed

19 <210> SEQ ID NO: 1
 21 <211> LENGTH: 241
 22 <212> TYPE: ~~EFF~~ **RT**
 23 <213> ORGANISM: Homo sapiens
 25 <220> FEATURE:
 26 <223> OTHER INFORMATION: anti-(ED-B) scFV Antibody fragment; Name: AP39
E--> 28 <400> SEQUENCE: 1c insert
 30 Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly
 31 1 5 10 15
 32 Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser
 33 20 25 30
 34 Ser Phe Ser Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu
 35 35 40 45
 36 Glu Trp Val Ser Ser Ile Ser Gly Ser Ser Gly Thr Thr Tyr Tyr
 37 50 55 60
 38 Ala Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser
 39 65 70 75
 40 Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
 41 80 85 90
 42 Thr Ala Val Tyr Tyr Cys Ala Lys Pro Phe Pro Tyr Phe Asp Tyr
 43 95 100 105
 44 Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Gly Asp Gly Ser
 45 110 115 120
 46 Ser Gly Gly Ser Gly Gly Ala Ser Glu Ile Val Leu Thr Gln Ser
 47 125 130 135
 48 Pro Gly Thr Leu Ser Leu Ser Pro Gly Glu Arg Ala Thr Leu Ser
 49 140 145 150
 50 Cys Arg Ala Ser Gln Ser Val Ser Ser Ser Phe Leu Ala Trp Tyr
 51 155 160 165
 52 Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu Ile Tyr Tyr Ala
 53 170 175 180

RAW SEQUENCE LISTING

DATE: 10/07/2004

PATENT APPLICATION: US/10/631,011A

TIME: 10:14:05

Input Set : A:\pto.lm.txt

Output Set: N:\CRF4\10072004\J631011A.raw

54	Ser	Ser	Arg	Ala	Thr	Gly	Ile	Pro	Asp	Arg	Phe	Ser	Gly	Ser	Gly
55					185					190					195
56	Ser	Gly	Thr	Asp	Phe	Thr	Leu	Thr	Ile	Ser	Arg	Leu	Glu	Pro	Glu
57					200					205					210
58	Asp	Phe	Ala	Val	Tyr	Tyr	Cys	Gln	Gln	Thr	Gly	Arg	Ile	Pro	Pro
59					215					220					225
60	Thr	Phe	Gly	Gln	Gly	Thr	Lys	Val	Glu	Ile	Lys	Gly	Gly	Gly	Cys
61					230					235					240
62	Ala														

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/631,011A

DATE: 10/07/2004

TIME: 10:14:06

Input Set : A:\pto.lm.txt

Output Set: N:\CRF4\10072004\J631011A.raw

L:28 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:1 differs:0